

FORM PTO-1390
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

P3297b

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 37 U.S.C. 371

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

09/202267✓

INTERNATIONAL APPLICATION NO.

PCT/JP98/01678 ✓

INTERNATIONAL FILING DATE

April 10, 1998 ✓

PRIORITY DATE CLAIMED

April 15, 1997 ✓

TITLE OF INVENTION **INK JET PRINTER HEAD AND MANUFACTURING METHOD THEREOF**

APPLICANT(S) FOR DO/EO/US

Takao Nishikawa and Atsushi Takakuwa ✓

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. Below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
Postcard; Notice PCT/IB/308; Request PCT/RO/101 (in Japanese & English); International Search Report PCT/ISA/210 (in Japanese & English);

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Unknown	PCT/JP98/01678	P3297b

17. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS		PTO USE ONLY	
The international search fee, as set forth in § 1.445(a)(2) to be paid to the US PTO acting as an international Searching Authority:							
<input type="checkbox"/> has been paid (37 CFR 1.492(a)(2)) \$ 790							
<input type="checkbox"/> has not been paid (37 CFR 1.492(a)(3)) \$1070							
<input checked="" type="checkbox"/> where a search report on the international application has been prepared by the European Patent Office or the Japanese Patent Office (37 CFR 1.492(a)(5)) \$ 840							
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 840.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e))				\$ 0.00			
* <input checked="" type="checkbox"/> CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
Total claims	33 - 20 =	13	X 18	\$ 234.00			
Independent claims	2 - 3 =	0	X 78	\$ 0.00			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 260	\$ 0.00			
TOTAL OF ABOVE CALCULATIONS =				\$1,074.00			
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$ 0.00			
SUBTOTAL =				\$1,074.00			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00			
TOTAL NATIONAL FEE =				\$1,074.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00			
TOTAL FEES ENCLOSED =				\$1,114.00			
*See Preliminary Amendment for the number of Claims filed concurrently herewith				Amount to be:			
				refunded		\$	
				charged		\$	

- a. ☐ A check in the amount of \$ to cover the above fees is enclosed.
- b. ☒ Please charge Deposit Account No. 19-2746 in the amount \$1,114.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2746. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:
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300 Rec'd PCT/PTO 09 DEC 1998

CERTIFICATION UNDER 37 C.F.R. 1.10

"Express Mail" Label Number: EL034497385US

Date of Deposit: December 9, 1998

I hereby certify that this transmittal letter and documents referred to as being included, being filed under 37 U.S.C. 371, is being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Box PCT, Assistant Commissioner for Patents, Washington, DC 20231.

Shellie Bailey

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